



PTO/SB/08a/b (08-03)

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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1 Attorney Docket Number EMCORE 3.0-084

## Complete if Known

Application Number	10/780,526
Filing Date	February 17, 2004
First Named Inventor	Milan Pophristic
Art Unit	2811
Examiner Name	Not Yet Assigned

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
S	AA	US-2003/141518-A1	07-31-2003	Yokogawa et al.	
R	AB	US-5,296,395	03-22-1994	Khan et al.	
X	AC	US-6,653,215-B1	11-25-2003	Brown et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
P	BA	EP-1 189 287-A	03-20-2002	Matsushita Electric Industrial Co., Ltd.	
R	BB	WO-03/026021-A	03-27-2003	Cree Lighting Company	

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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
S	CA	"High barrier height GaN Schottky diodes: Pt/GaN and Pd/GaN" APPLIED PHYSICS LETTERS, AMERICAN INSTITUTE OF PHYSICS, New York, US, vol. 68 no. 9, 2-26-96; pp. 1267-1269			
S	CB	Lin Yow-Jon et al: "Nitrogen-vacancy-related defects and Fermi level pinning in n-GaN Schottky diodes" 8/1/03, JOURNAL OF APPLIED PHYSICS, AMERICAN INSTITUTE OF PHYSICS, New York, US, pp. 1819-1822.			

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				Filing Date	Herewith
				First Named Inventor	Milan Pophristic
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	EMCORE 3.0-084

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		Number-Kind Code <sup>2</sup> (if known)			
AA	US-2003/0015708-A1	01-23-2003	Parikh, et al.		
AB	US-2003/0062525-A1	04-03-2003	Parikh, et al.		
AC	US-2003/0075728-A1	04-24-2003	Tooi, et al.		
AD	US-5,158,909-B1	10-27-1992	Ohtsuka, et al.		
AE	US-5,602,418-B1	02-11-1997	Imai, et al.		
AF	US-5,789,760-B1	08-04-1998	Irikawa, et al.		
AG	US-5,877,558-B1	03-02-1999	Nakamura, et al.		
AH	US-5,625,202-B1	04-29-1997	Chai		
AI	US-2002/0190263-A1	12-19-2002	Hata, et al.		
AJ	US-6,437,374-B1	08-20-2002	Northrup, et al.		
AK	US-6,507,041-B1	01-14-2003	Nakamura, et al.		
AL	US-6,455,877-B1	09-24-2002	Ogawa, et al.		
AM	US-6,479,844-B2	11-12-2002	Taylor		
AN	US-6,586,777-B1	07-01-2003	Yuasa, et al.		
AO	US-6,586,781-B1	07-01-2003	Wu, et al.		
AP	US-6,555,452-B2	04-29-2003	Nikolaev, et al.		
AQ	US-5,399,887-B1	03-21-1995	Weitzel, et al.		
AR	US-6,610,995-B1	08-26-2003	Nakamura, et al.		
AS	US-5,296,395-B1	03-22-1994	Khan, et al.		
AT	US-2001/0034116-A1	10-25-2001	Lee, et al.		
AU	US-2002/0127787-A1	10-12-2002	Huang, et al.		
AV	US-6,555,451	04-29-2003	Kub, et al.		
AW	US-2003/0006415-A1	01-09-2003	Yokogawa, et al.		

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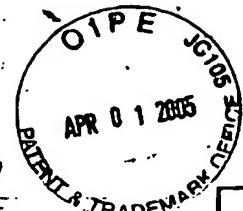
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	CA	Yanagihara, et al., "Development of GaN-Based Electronic Device on Si", Sanken Technical Report, Vol. 35, No. 1 (2003), pp. 11-14, Japan (English – language translation of Japanese – language publication).			

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